| Exar 2015-1 | nination 16 | MATI | - Hy | derabad Bours |
|----------------|--|--|----------------------|---|
| | | S | a Anami | Majo |
| | М | ultiple Choic | e Question: | (MCQ's) |
| Q-01 | Choose the | correct answer | or each from th | e given option |
| (i) | V MAR | Mona | atrics. | |
| (7 | WINDS | o d | atiivs. | |
| | (a) Digonal | (h) Scalar | (c)Rectangula | (d)Column |
| (ii) | | ean of 30 observat | Sec. | |
| () | (a) 900 | (b) 1000 | (c) 1500 | (d)3000 |
| (iii) T | he polynomial | expression $-\frac{1}{4}$ + | 1.0 | |
| | | 4 | | |
| (iv) | Log a 1 = | (b) Bionon | nial (c) Trinomial | (d)None |
| (iv) | (a) ! | (b) a | (c) 0 | (d)10 |
| | 72/ - | (6) 4 | (6) 0 | (4)10 |
| (v) | | angleof a major a | | |
| (** | | (b) Obtuse | (c) 90° | (d) None of these |
| (vi) | $x^3y^6 + 125 = $ | EV-2.4 . F. 2 . 0 | ev (a) 2 | cv 24 c 2 |
| | (a) (xy -) | $5)(x^2y^4 + 5xy^2 + 2x^2)$ | (d) (xy" + | $(5)(x^2y^4 + 5xy^2 + 25)$ $(5)(x^2y^4 - 5xy^2 + 25)$ |
| (vii) | | b- duplicate ratio | | 3)(x y - 3xy + 23) |
| (1.00) | | | | (b)(d) None of these |
| (viii) | Cost 6 | | (-) (-) - | (0)(0) |
| | (a) 1 | (b) √3 | (c) $\sqrt{3}$ | (d) 1 |
| | $\sqrt{3}$ | , , y - | 2 | 13.00 |
| (ix) | $(A \cup B)^1 =$ | | IIIIIK: | |
| (ta) | - | | (e) AloRI | (d) None of these |
| (x) | | measure greater | | |
| | The second secon | (b) Congruent | | 6.5 |
| (xi) | x + 1 = 0, is a | equation | n. | |
| | | (b) Linear | | |
| (xii) | | BC, $m\angle B = 90^{\circ}$ th | | |
| | (a) a ² | (b) -a ² | (c) -b ² | (d) None |
| | _ | _ | | |
| (xiii) | wxm = | - | | |
| , | (a) x ^{ma} | (b) x ^{n/m} | (c) x ^{m+n} | (d) $x^{m/n}$ |
| (xiv) | Line segment | joining the verte | x and to the mid | -point of the opposite side |
| | triangle is cal | | Toleran. | |
| | | | | (d) None of these |
| (xv) | | ristic of log 0.000 | | /3\ 2 |
| wil | (a) 4 $(a + b)^2 + (a - b)^2$ | . , - | (c) -4 | (d) -5 |
| ATI) | $(a + b)^2 + (a - a)^2 + (a - b)^2 + (a -$ | | (c) 2(o2±62) | (d) 2(a+b) ² |
| | (4) 140 | [] | (e) 2(a TU) | ~ ~~ |
| for 25 | The section | a | | 20 COMU |
| (xvii) | The order | 01 18 | - Marian | 1/6/00 |
| | (a) 2 = 1 | The state of the s | SCINIAN, | (1) 0 0 |
| (www. | (a) 2 X I | The same | MACHALI | (d) 2 x 2 |
| (xviii) | (3, -2) is in | Hasacams | 7 A 701 A 4 | 115 V9 |

(xix) (b) 4 (a) 6 (c) 2 $(\mathbf{d}) 0$ [-5], absolute value of -5 is ______ (a) -5 (b) +5 (c) 5 (xx)

(c) 5

(d) None